

ADPL Assignment no.1

Q] Define a problem and give a brief executive summary snapshot.

Problem:

- A café has a manual System for taking orders, which leads to error and delays. Waiter write down orders on paper, by which some orders are lost or misplaced.

Executive Summary:

We can recommend implementing a digital ordering system at the café to replace the current manual system used by café.

- Digital ordering system will improve accuracy by reducing errors caused by illegible handwritten orders.
- It will decrease misplacing of orders.
- Will increase efficiency by automating order taking and reducing delays.

- In addition, will enhance customer's satisfaction by ensuring accurate orders and faster service.

The digital ordering system will implemented, on tablets and will send orders directly to computers screens. This solution will Save time and resources by reducing labor and will minimize error. Will provide valuable data insights to inform business decisions. Will enhance the cafes competitive edge by offering a modern and efficient customer experience

We estimate a reduction in error, increase in efficiency and increase in customer satisfaction. We propose a 6 months implementation timeline and a budget of rs.748, 300.

Project Description:

The goal of this project is to design and implement a digital ordering system for a café, by replacing the current manual system. The new system will allow customers to place orders on tablets, and will send orders directly to the computers screen. This will improve accuracy, efficiency, and customer's satisfaction.

Project Scope:

- Design and develop a user-friendly digital ordering system for customers.
- Create a backend system to receive and manage orders
- Install tablets for customer ordering
- Install printers and other necessary hardware's
- Configure the digital ordering system with menu items and pricing.
- Configure software and integrate with POS system

- Integration and testing.
- Training and support.
- Set up data analytics and reporting capabilities to track sales and customer behavior.